

### OVERVIEW

ESSEX

EAST ORANGE

GRADE SPAN 06-12

EAST ORANGE STEM ACADEMY HIGH SCHOOL

129 RENSCHAW AVENUE

EAST ORANGE, NJ 07017-3308

This school's academic performance is **high when compared** to schools across the state. Additionally, its academic performance is **very high when compared** to its peers. This school's college and career readiness is **about average when compared** to schools across the state. Additionally, its college and career readiness is **high when compared** to its peers. This school's graduation and post-secondary performance is **about average when compared** to schools across the state. Additionally, its graduation and post-secondary readiness is **high when compared** to its peers.

Performance Areas	Peer Percentile	Statewide Percentile	Percent of Targets Met
Academic Achievement	85	73	N/A
College & Career Readiness	69	52	40%
Graduation and Post-Secondary	75	49	100%

### Improvement Status

N/A

### Rationale

N/A

**Very High Performance** is defined as being **equal to or above the 80th percentile**.

**High Performance** is defined as being **between the 60th and 79.9th percentiles**.

**Average Performance** is defined as being **between the 40th and 59.9th percentiles**.

**Lagging Performance** is defined as being **between the 20th and 39.9th percentiles**.

**Significantly Lagging Performance** is defined as being **equal to or below the 19.9th percentile**.

**Peer Schools** are schools that have similar grade levels and students with similar demographic characteristics, such as the percentage of students qualifying for Free/Reduced Lunch, Limited English Proficiency programs or Special Education programs.

### Academic Achievement

This school outperforms **73%** of schools statewide as noted by its statewide percentile and **85%** of schools educating students with similar demographic characteristics as noted in its peer school percentile in the performance area of Academic Achievement. Additionally, this school is meeting **N/A** of its performance targets in the area of Academic Achievement.



Academic Achievement measures the content knowledge students have in language arts literacy and math. For high schools, this includes measures of the school's proficiency rate on both the Language Arts Literacy and Math sections of the New Jersey High School Proficiency Assessment (HSPA). A proficiency rate is calculated by summing the count of students who scored either proficient or advanced proficient on the assessment and dividing by the count of valid test scores.

### College and Career Readiness

This school outperforms **52%** of schools statewide as noted by its statewide percentile and **69%** of schools educating students with similar demographic characteristics as noted in its peer school percentile in the performance area of College and Career Readiness. Additionally, this school is meeting **40%** of its performance targets in the area of College and Career Readiness.



College and Career Readiness measures the degree to which students are demonstrating behaviors that are indicative of future attendance and/or success in college and careers. For high schools, this includes measures of participation in college readiness tests such as the SAT, ACT or PSAT and in rigorous coursework as defined by participation in AP or IB courses in English, math, social studies and science.

### Graduation and Post-Secondary

This school outperforms **49%** of schools statewide as noted by its statewide percentile and **75%** of schools educating students with similar demographic characteristics as noted in its peer school percentile in the performance area of Graduation and Post-Secondary. Additionally, this school is meeting **100%** of its performance targets in the area of Graduation and Post-Secondary.



Graduation and Postsecondary measures the rate at which students who begin high school four years earlier graduate within four years. Also included is a measure of the rate at which students in a particular school drop out of school.



# State of New Jersey

2013-14

13-1210-030

## DEMOGRAPHIC INFORMATION

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### DEMOGRAPHIC INFORMATION

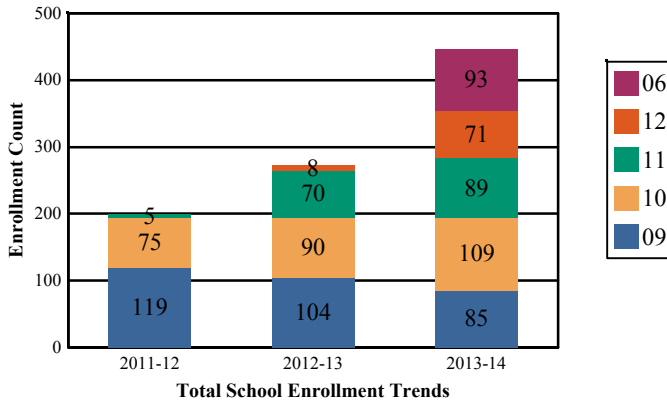
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#### Enrollment by Grade

This graph presents the count of students who were 'on roll' by grade in October of each school year.



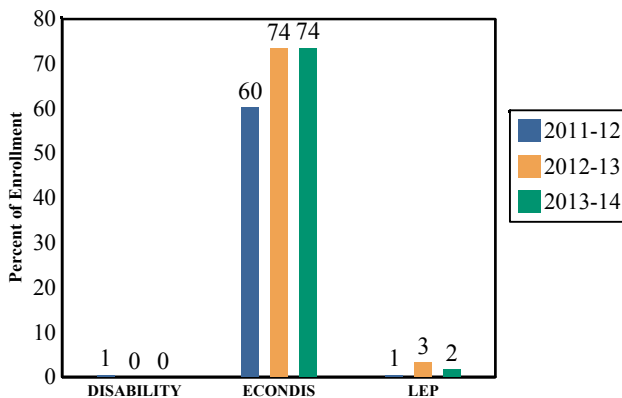
Total School Enrollment Trends

Note: "UG" represents the count of students who are 'on roll' in this school but who are educated in ungraded classrooms, meaning that the classrooms may contain students from multiple grade levels.

#### Total School Enrollment

2011-12	199
2012-13	272
2013-14	447

#### Enrollment Trends by Program Participation



#### Current Year Enrollment by Program Participation

2013-2014	Count of Students	% of Enrollment
Students with Disability	0	0%
Economically Disadvantaged Students	329	73.6%
Limited English Proficient Students	8	1.8%

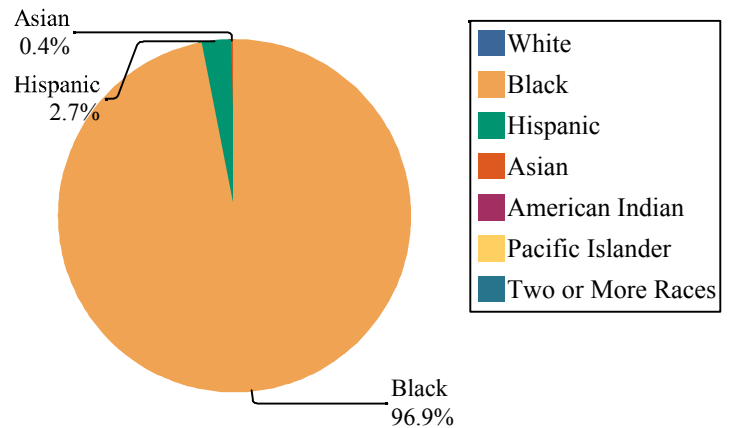
#### Language Diversity

This table presents the percentage of students who primarily speak each language in their home.

2013-14	Percent
English	87.1%
Haitian Creole	5.7%
Spanish	2.5%
French	2.5%
Twì	0.5%
Creoles and pidgins, Engli	0.5%
Other	1.4%

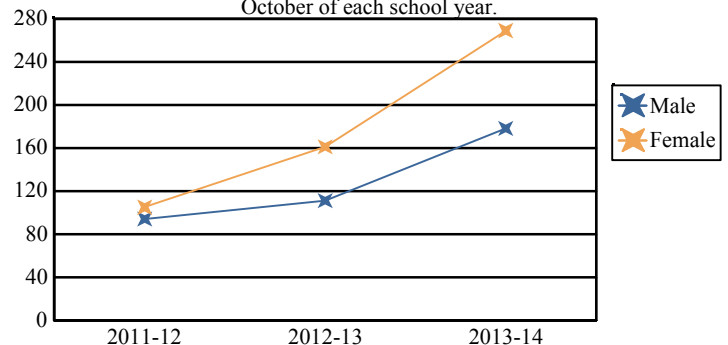
#### Enrollment by Ethnic/Racial Subgroup

This graph presents the percentages of enrollment for each subgroup defined by the No Child Left Behind Act of 2001



#### Enrollment by Gender

This graph presents the count of students by gender who were 'on roll' in October of each school year.



	Male	Female
2011-12	94	105
2012-13	111	161
2013-14	178	269

### ACADEMIC ACHIEVEMENT

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Academic Achievement measures the content knowledge students have in Language Arts Literacy and Math. In high schools, this includes the outcomes of the New Jersey High School Proficiency Assessment (HSPA). The first column - Schoolwide Performance - in the table below includes measures of the total schoolwide proficiency rate in both Language Arts Literacy and Math across multiple administrations of the assessment. The second column - Peer School Percentile - indicates where the school's proficiency rate compares to its group of peer schools. For example, a school that has a peer school percentile of 65 has a proficiency rate that is higher than 65% of its peer schools. The third column - Statewide Percentile - indicates where the school's proficiency rate compares to schools across the state. For example, a school that has a statewide percentile of 30 has a proficiency rate that is higher than 30% of all schools with HSPA scores statewide. The last column - Percent of Targets Met - presents the percentage of progress targets met as defined by the NJDOE's NCLB waiver.

The Summary row presents the averages of the peer school percentiles, the average of statewide percentiles and the percentage of statewide targets met.

Academic Achievement Indicators	Schoolwide Performance	Peer Percentile	State Percentile	Percent of Targets Met
HSPA Language Arts Proficiency and above	99%	80	81	N/A
HSPA Math Proficiency and above	91%	90	64	N/A
<b>SUMMARY - Academic Achievement</b>		85	73	N/A

### NCLB Progress Targets - Language Arts Literacy

This table presents the Progress Targets as uniquely calculated for each subgroup in each school under NJDOE's NCLB waiver. The methodology - as defined by the United States Department of Education - is calculated so that each subgroup will halve the gap between their 2011 proficiency rate and 100% proficiency by 2017.

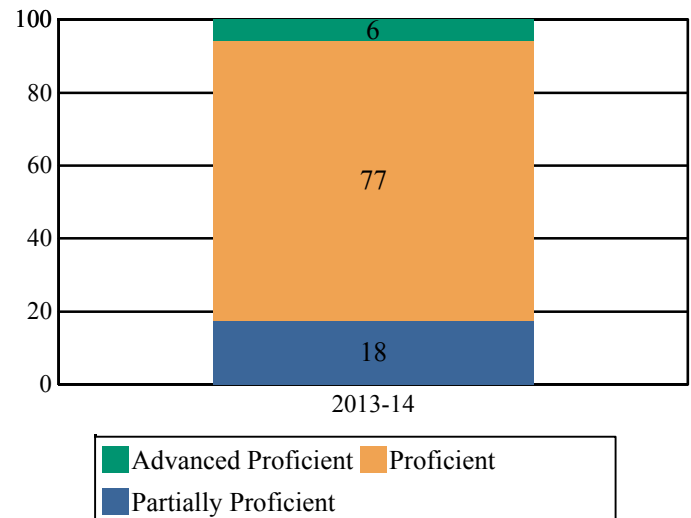
Subgroups	Total Valid Scores	Pass Rate	Target	Met Target?
Schoolwide	160	82.5		-
White	-	-		--
Black	159	82.4		-
Hispanic	-	-		--
American Indian	-	-		--
Asian	-	-		--
Two or More Races	-	-		--
Students with Disability	-	-		--
Limited English Proficient Students	-	-		--
Economically Disadvantaged Students	139	83.4		-

**YES\* = Met Progress Target (Confidence Interval Applied)**

Data is presented for subgroups when the count is high enough under NCLB suppression rules.

### Proficiency Trends - Language Arts Literacy

This graph presents the percentage of students who scored in the Advanced Proficient, Proficient and Partially Proficient categories of the statewide Language Arts Literacy assessment over the prior four years.



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#### NCLB Progress Targets - Math

This table presents the Progress Targets as uniquely calculated for each subgroup in each school under NJDOE's NCLB waiver. The methodology - as defined by the United States Department of Education - is calculated so that each subgroup will halve the gap between their 2011 proficiency rate and 100% proficiency by 2017.

Subgroups	Total Valid Scores	Pass Rate	Target	Met Target?
Schoolwide	160	85		-
White	-	-		--
Black	159	85.6		-
Hispanic	-	-		--
American Indian	-	-		--
Asian	-	-		--
Two or More Races	-	-		--
Students with Disability	-	-		--
Limited English Proficient Students	-	-		--
Economically Disadvantaged Students	139	84.1		-

YES\* = Met Progress Target (Confidence Interval Applied)

Data is presented for subgroups when the count is high enough under NCLB suppression rules.

#### Proficiency Outcomes - Biology

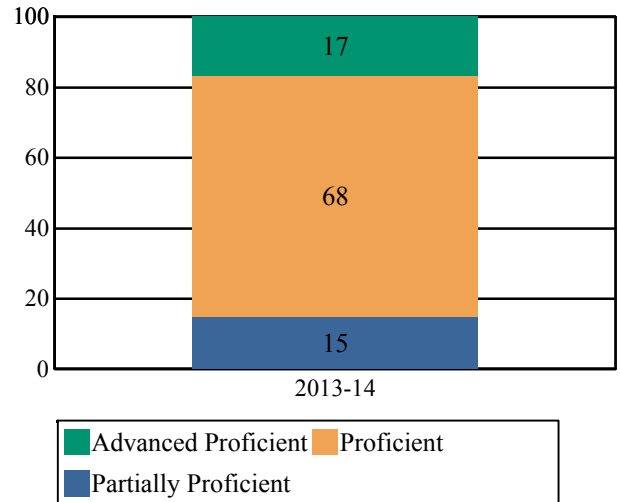
This table presents the percentage of students who scored in the Advanced Proficient, Proficient and Partially Proficient categories of the New Jersey Biology Competency Test (NJBCT) in the latest school year.

Subgroups	Advanced	Proficient	Partially Proficient
Schoolwide	5%	54%	41%
White	-	-	-
Black	5%	54%	41%
Hispanic	-	-	-
American Indian	-	-	-
Asian	-	-	-
Two or More Races	-	-	-
Students with Disability	-	-	-
Limited English Proficient Students	-	-	-
Economically Disadvantaged Students	4%	59%	36%

Data is presented for subgroups when the count is high enough under NCLB suppression rules.

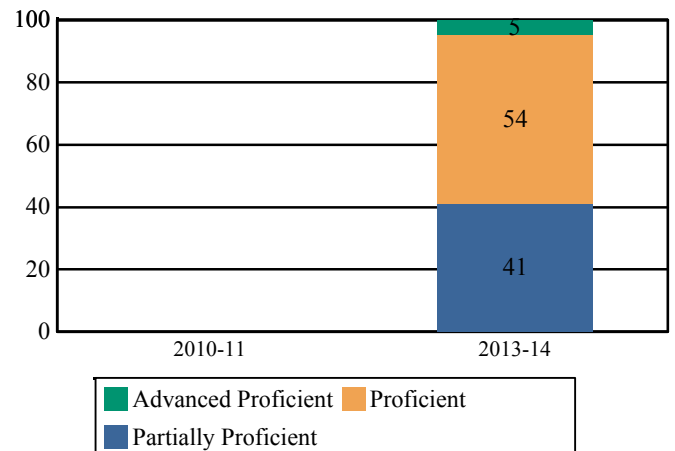
#### Proficiency Trends - Math

This graph presents the percentage of students who scored in the Advanced Proficient, Proficient and Partially Proficient categories of the statewide Math assessment over the prior four years.



#### Proficiency Trends - Biology

This graph presents the percentage of students who scored in the Advanced Proficient, Proficient, and Partially Proficient categories of the Biology Competency Test over the last two years.



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#### NJASK Results - Language Arts Literacy Grade Level - 06

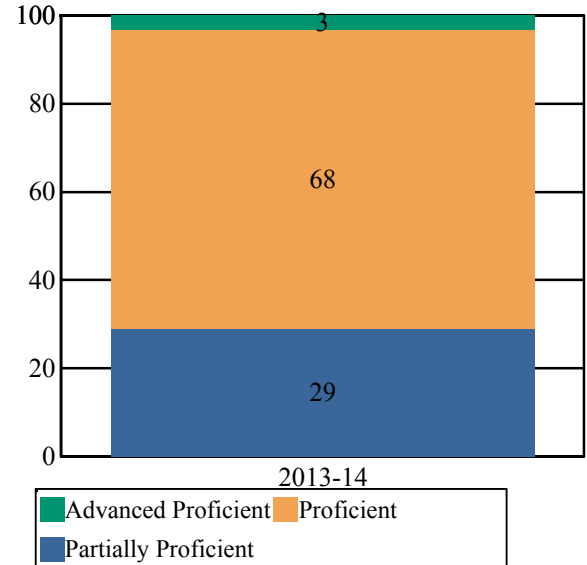
This table presents the grade level proficiency results, as measured by NJASK, in Advanced Proficient, Proficient, and Partially Proficient categories for all appropriate subgroups.

Subgroups	Advanced Proficient	Proficient	Partially Proficient
Schoolwide	3%	68%	29%
White	-	-	-
Black	3%	67%	29%
Hispanic	-	-	-
American Indian	-	-	-
Asian	-	-	-
Two or More Races	-	-	-
Students with Disability	-	-	-
Limited English Proficient Students	-	-	-
Economically Disadvantaged Students	3%	70%	28%

Data is presented for subgroups when the count is high enough under NCLB suppression rules.

#### NJASK Proficiency Trends - Language Arts Literacy - Grade Level - 06

This graph presents the grade level outcomes in the categories of Advanced Proficient, Proficient, and Partially Proficient over the last four years.



#### 2013 National Assessment Educational Progress (NAEP)

The National Assessment of Educational Progress (NAEP) is the largest national assessment of what our nation's students know and can do. NAEP assesses fourth-, eighth-, and twelfth-grade students in subjects such as reading, mathematics, science, and writing. The reporting of NAEP scores on state report cards is a federal mandate. The results of NAEP are also published as the Nation's Report Card, and are available for the nation, states, and, in some cases, urban districts. The NAEP scores on the report card include grades four and eight 2013 reading and math scores for New Jersey which are the last scores published. For subgroup outcomes, visit :

<http://www.nj.gov/education/pr/1314/naep/naep4read.html>

For more information, visit <http://nces.ed.gov/nationsreportcard/>

##### Proficiency Percentages

Grade 4 Reading	State/Nation	Below Basic	Basic	Proficient	Advanced
All Students	State (NJ)	25	33	30	12
All Students	Nation	32	33	27	8

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For more information, visit <http://nces.ed.gov/nationsreportcard/>

##### Proficiency Percentages

Grade 8 Reading	State/Nation	Below Basic	Basic	Proficient	Advanced
All Students	State (NJ)	15	39	40	7
All Students	Nation	22	42	32	4

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#### NJASK Results - MATH Grade Level - 06

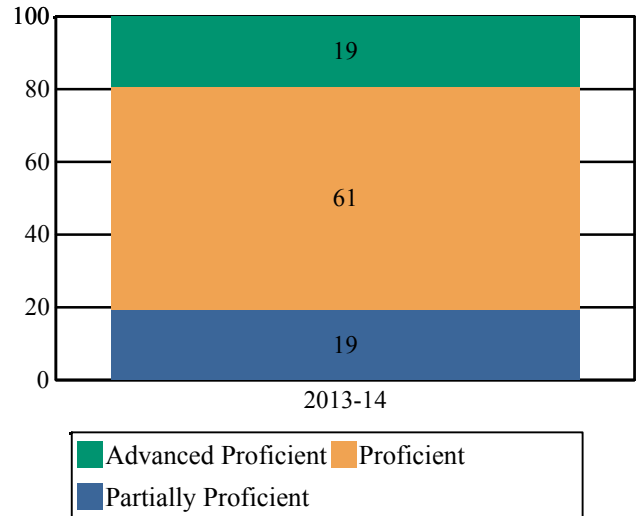
This table presents the grade level proficiency results, as measured by NJASK, in Advanced Proficient, Proficient, and Partially Proficient categories for all appropriate subgroups.

Subgroups	Advanced Proficient	Proficient	Partially Proficient
Schoolwide	19%	61%	19%
White	-	-	-
Black	20%	62%	18%
Hispanic	-	-	-
American Indian	-	-	-
Asian	-	-	-
Two or More Races	-	-	-
Students with Disability	-	-	-
Limited English Proficient Students	-	-	-
Economically Disadvantaged Students	19%	59%	22%

Data is presented for subgroups when the count is high enough under NCLB suppression rules.

#### NJASK Proficiency Trends - Math - Grade Level - 06

This graph presents the grade level outcomes in the categories of Advanced Proficient, Proficient, and Partially Proficient over the last four years.



#### 2013 National Assessment Educational Progress (NAEP)

The National Assessment of Educational Progress (NAEP) is the largest national assessment of what our nation's students know and can do. NAEP assesses fourth-, eighth-, and twelfth-grade students in subjects such as reading, mathematics, science, and writing. The reporting of NAEP scores on state report cards is a federal mandate. The results of NAEP are also published as the Nation's Report Card, and are available for the nation, states, and, in some cases, urban districts. The NAEP scores on the report card include grades four and eight 2013 reading and math scores for New Jersey which are the last scores published. For subgroup outcomes, visit :

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##### Proficiency Percentages

Grade 4 Math	State/Nation	Below Basic	Basic	Proficient	Advanced
All Students	State (NJ)	13	38	39	10
All Students	Nation	17	41	34	8

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##### Proficiency Percentages

Grade 8 Math	State/Nation	Below Basic	Basic	Proficient	Advanced
All Students	State (NJ)	18	34	33	16
All Students	Nation	26	38	27	9



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### NJASK Results - Grade Level -

This table presents the grade level proficiency results, as measured by NJASK, in Advanced Proficient, Proficient, and Partially Proficient categories for all appropriate subgroups.

Subgroups	Advanced Proficient	Proficient	Partially Proficient

Data is presented for subgroups when the count is high enough under NCLB suppression rules.

### NJASK Proficiency Trends - - Grade Level -

This graph presents the grade level outcomes in the categories of Advanced Proficient, Proficient, and Partially Proficient over the last four years.



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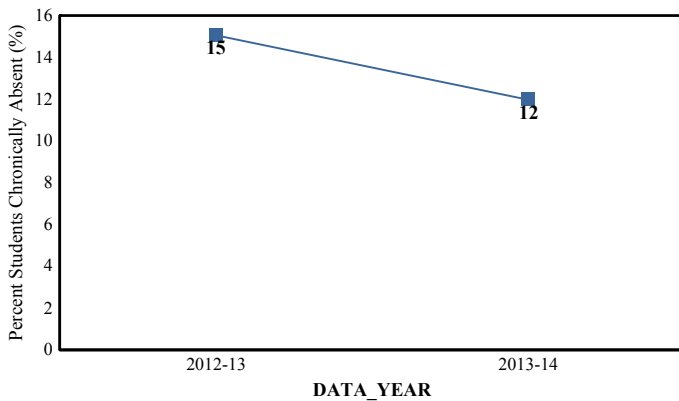
#### Algebra I

This table presents the percentage of eighth graders who were reported in the Algebra I course code in NJSMART and the percentage of those students who earned a C or higher in the course.

2013-14	School
Students taking Algebra I	0%
Algebra grade (C or better)	0%

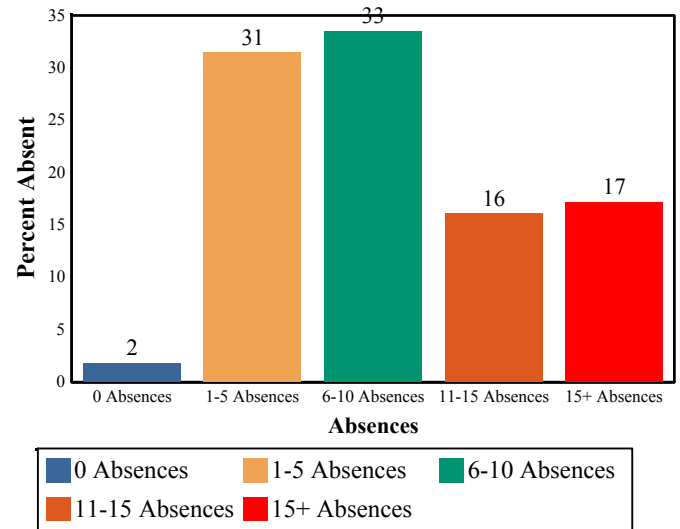
#### Chronic Absenteeism Trend

This graph presents the percentage of the enrolled students who were chronically absent for the past two years.



#### Absenteeism

The chart below presents the percentage of students who were absent in each category of absence: 0 absences, 1- 5 absences, 6 - 10 absences, 11 - 15 absences, and more than 15 absences. An absence is defined as being 'not present' and includes the days missed regardless of whether they were determined to be excused or unexcused by the school.



### COLLEGE AND CAREER READINESS

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Students in high schools begin to demonstrate college readiness behaviors long before they actually graduate from high school. Among those behaviors are taking college entrance exams and challenging themselves with rigorous course work. The table below presents five such indicators: the percentage of students enrolled in the 12th grade who took the SAT or ACT, the percentage of 10th and 11th graders who took the PSAT, the percentage of students who scored above the SAT benchmark of 1550, the percentage of 11th and 12th graders who took at least one AP or IB test in English, math, social studies or science, and the percentage of those AP or IB tests that were scored a 3 or higher.

The first column - Schoolwide Performance - represents the outcomes for these particular indicators in the school. The second column - Peer School Percentile - indicates how the school's performance compares to its group of peer schools. For example, a school whose peer school percentile is 65 in SAT participation has a higher SAT Participation than 65% of its peer group. The third column - Statewide Percentile - indicates how the school's performance compares to schools across the state. The fourth column - Statewide Target - provides the statewide targets for each of these indicators. The last column - Met Target? - indicates whether the School Performance met or exceeded the statewide target.

The Summary row presents the averages of the peer school percentiles, the average of statewide percentiles and the percentage of statewide targets met.

College and Career Readiness Indicators	Schoolwide Performance	Peer Percentile	Statewide Percentile	Statewide Target	Met Target?
Percent of Students Participating in SAT or ACT	100%	100	100	80%	YES
Percent of Students Participating in PSAT or PLAN	56%	39	31	60%	NO
Percent of Students Scoring Above 1550 on SAT	12%	74	22	40%	NO
Percent of Students Taking at least one AP Test or IB Test in English, Math, Social Studies or Science	40%	94	88	35%	YES
Percent of AP Tests $\geq 3$ or IB Test $\geq 4$ in English, Math, Social Studies or Science	13%	38	20	75%	NO
Summary		69	52		40%

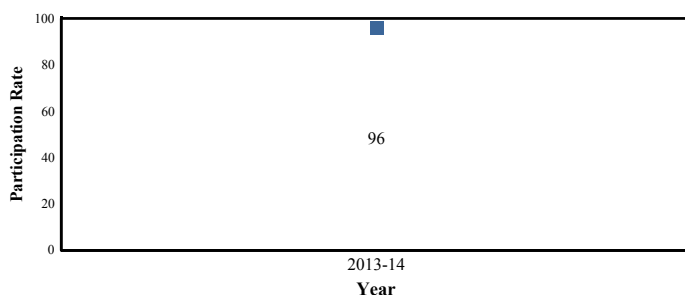
#### College Readiness Test Participation

The first column of the table below presents the percentage of students enrolled in the 12th grade who took the SAT or ACT and the percentage of students enrolled in 10th and 11th grade who took the PSAT. The second column provides the average across the school's peer group for these two metrics.

2013-14 Percent of Students	School	Peer Avg.	State Avg.
Participating in SAT	95.8%	61.8%	76.2%
Participating in ACT	19.7%		22.5%
Participating in PSAT or PLAN	56.1%	65.2%	75.0%

#### Participation Trends - SAT Testing

This graph presents the participation rate in the SAT over the last four years.



#### AP/IB Participation - 'Unique' Students

The table below presents the proportion of 'unique' students enrolled in at least 11th and 12th grade i.e., each student is counted once regardless of how many AP or IB courses he/she may take. The table also presents the proportion of how many 'unique' students took at least one AP or IB test to the school's enrollment in 11th and 12th grade.

2013-14 Percent of Students Taking	School	Peer Avg.	State Avg.
One or More Course	44.4%	19.1%	34.2%
One or More Test	40.0%	19.0%	28.4%
At least one AP or IB Test in English, Math, Social Studies or Science	40.0%	16.7%	18.9%

Note: Students who are enrolled in AP/IB coursework or take AP/IB tests in grades other than 11th and 12th are included in the numerator of this calculation.

#### AP /IB Test Results

This table presents the percentage of all AP/IB tests taken by students enrolled in the school that were scored AP  $\geq 3$  and scored IB  $\geq 4$ .

2013-14	School	Peer Avg.	State Avg.
Percent of AP Tests $\geq 3$ or IB Test $\geq 4$	12.5%	21.5%	74.1%
Percent of Scores in AP $\geq 3$ or IB $\geq 4$ in English, Math, Social Studies or Science	12.5%	16.6%	72.4%

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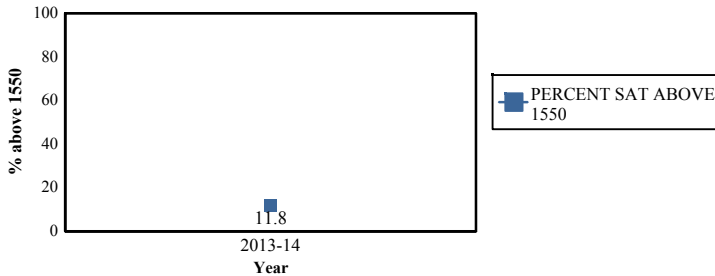
#### Scholastic Assessment Test (SAT) Results

This table presents the percentage of students who achieved a composite SAT score of 1550 or higher. The SAT benchmark score of 1550 (Critical Reading, Mathematics and Writing Score combined) indicates a 65 percent likelihood of achieving a B- average or higher during the first year of college, which in turn has been found by the College Board's research to be indicative of a high likelihood of college success and completion.

2013-14	School	Peer Avg.	State Avg.
Percent of Students Scoring Above 1550 on SAT	11.8%	11.4%	44.6%

#### SAT Benchmark Trends

This chart presents the percentage of students who achieved a composite SAT score of 1550 or higher over the past four years.



#### AP/IB Courses Offered

This table presents the count of students enrolled in each AP/IB course offered in this school in the first column. The second column presents the count of tests taken in each AP/IB course. The numbers may not match as some students do not take the test in the same year as they take the course and some students may take the course without taking the test or vice versa.

AP/IB Course Name	Students Enrolled	Students Tested
AP U.S. History	24	22
AP English Literature and Composition	22	18
AP Chemistry	19	17
AP Biology	14	12
AP Calculus AB	14	14
AP Physics B	14	13

#### Composite SAT Score

This chart presents the average composite SAT score from the last academic year for students enrolled in this school as well as the average scores achieved in Critical Reading, Mathematics and Writing. The averages from this school's peer group are also presented.

2013-14	School	Peer Avg.	State Avg.
Composite SAT Score	1,259	1,237	1,514
Critical Reading	416	405	496
Mathematics	436	427	521
Writing	407	405	497

This chart presents the scores achieved in Critical Reading, Mathematics and Writing by the students at the 25th percentile, the 50th percentile and the 75th percentile of the school's distribution of SAT scores.

2013-14	Critical Reading	Mathematics	Writing
75th Percentile	463	493	443
50th Percentile	420	435	400
25th Percentile	360	380	358

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**Visual and Performing Arts**

The chart below contains the percentage of students who were enrolled in at least one Dance, Drama/Theater, Music or Visual Arts class in this school. The last row shows the percentage of students who were enrolled in any Visual and Performing Arts classes in the school.

Percent of Students Enrolled	School	State
Dance	N/R	2.1%
Drama/Theater	N/R	3.9%
Music	69.8%	17.5%
Visual Arts	38.7%	31.1%
<b>Total: All Visual and Performing Arts</b>	100.0%	49.3%

N/R - Data Not Reported

**Career in Technical Education Programs**

The chart below contains percentage of students who were participants in an approved Career and Technical Education Program in this school as well as across the State of New Jersey.

Percent of Students Enrolled	School	State
Participating in CTE	40.7%	19.2%

N/R - Data Not Reported

**GRADUATION AND POSTSECONDARY**

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EAST ORANGE, NJ 07017-3308

This section of the performance report presents data about student growth, utilizing the Student Growth Percentile Methodology (SGP). SGP creates a measure of how students progressed in grades 4 through 8 in NJ ASK Language Arts Literacy and Math when compared to other students with a similar NJ ASK test score history. A short video explaining the methodology can be found here: <http://www.state.nj.us/education/njsmart/performance/>

The column - Schoolwide Performance - presents the schoolwide median growth score in either Language Arts Literacy or Math for all students in the school.

Student Growth Indicators	Schoolwide Performance
Student Growth on Language Arts	29
Student Growth on Math	17

**Student Growth**

This table presents for all students with growth scores the interaction between their proficiency level on NJASK and their growth scores. For example, in the top left cell the percentage of students who are both partially proficient AND also demonstrating low growth is displayed.

**Language Arts**

	GROWTH		
	Low	Typical	High
Partially Proficient	24%	7%	0%
Proficient	34%	18%	14%
Advanced Proficient	0%	1%	2%

**Math**

	GROWTH		
	Low	Typical	High
Partially Proficient	20%	0%	1%
Proficient	51%	8%	1%
Advanced Proficient	7%	5%	8%

**Low Growth** is defined as an **Student Growth Percentile** score less than 35.

**Typical Growth** is defined as an **Student Growth Percentile** score between 35 and 65.

**High Growth** is defined as a **Student Growth Percentile** score higher than 65.

### GRADUATION AND POSTSECONDARY

ESSEX

EAST ORANGE

GRADE SPAN 06-12

EAST ORANGE STEM ACADEMY HIGH SCHOOL

129 RENSRAW AVENUE

EAST ORANGE, NJ 07017-3308

This section of the performance report presents data about graduation, dropout and post-secondary attendance. The graduation rate is calculated according to the NCLB Cohort methodology as required by the United States Department of Education. Dropout rates are calculated from student-level data submitted by districts for students officially classified as dropouts. The dropout rate is the count of students who dropout in an academic year divided by the school's total enrollment.

The first column - Schoolwide Performance - represents the outcomes for these particular indicators in this school. The second column - Peer School Percentile - indicates how the school's performance compares to its group of peer schools. For example, a school whose peer percentile is 65 in Graduation Rate has a higher Graduation Rate than 65% of its peer group. The third column - Statewide Percentile - indicates how the school's performance compares to schools across the state. The fourth column - Statewide Target - provides the statewide targets for each of these indicators. The Statewide Target for Graduation Rate was established pursuant to NJDOE's NCLB Accountability Workbook. The last column - Met Target - indicates whether the School Performance met or exceeded the statewide target.

The Summary row presents the averages of the peer school percentile, the average of statewide percentile and the percentage of statewide targets met.

Graduation & Post Secondary Indicators	Schoolwide Performance	Peer Percentile	Statewide Percentile	Statewide Targets	Met Target
Overall Graduation Rate	94%	81	57	78%	YES
Dropout Rate	0.4%	68	40	2%	YES
SUMMARY - Graduation & Post-Secondary		75	49		100%

#### Graduation Rate by Subgroup

This table presents for all NCLB-identified subgroups the "4-year Adjusted Graduation Rate." This rate calculates the percentage of students who are awarded a regular, high school diploma within four years of becoming a first-time ninth grader. The rate is adjusted to account for students who 'transfer-in' and for students who are verified as 'transfers-out'.

	School	State Target
Schoolwide	94%	78%
White	-	
Black	94%	
Hispanic	-	
American Indian	-	
Asian	-	
Native Hawaiian	-	
Two or More Races	-	
Students with Disability	-	
Limited English Proficient Students	-	
Economically Disadvantaged Students	98%	

#### Dropout Rate by Subgroup

This table presents for all NCLB-identified subgroups the Dropout rate. This rate calculates the percentage of students who are classified as dropouts divided by the school's total enrollment and by each subgroup enrollment.

	School	State Target
Schoolwide	.4%	2%
White	-	
Black	.5%	
Hispanic	-	
American Indian	-	
Asian	-	
Native Hawaiian	-	
Two or More Races	-	
Students with Disability	-	
Economically Disadvantaged Students	.6%	
Limited English Proficiency	-	

### GRADUATION AND POSTSECONDARY

ESSEX

EAST ORANGE

GRADE SPAN 06-12

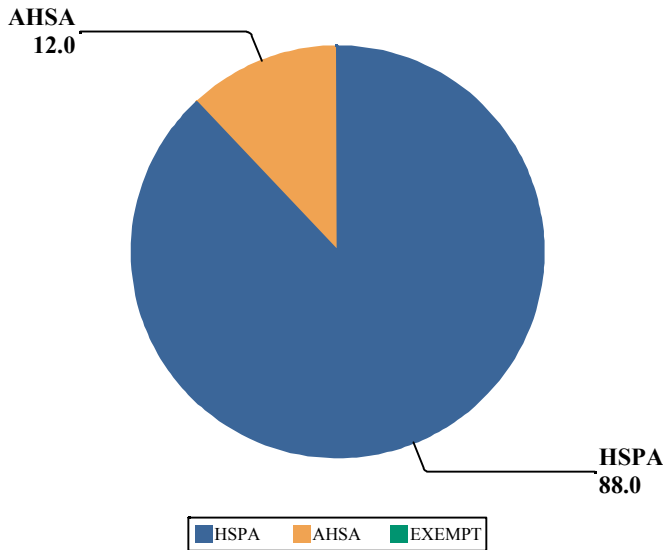
EAST ORANGE STEM ACADEMY HIGH SCHOOL

129 RENSLOW AVENUE

EAST ORANGE, NJ 07017-3308

#### Graduation Pathway Rates

This chart presents the percentage of high school graduates who graduated by passing both sections of the HSPA, who were exempt from passing the HSPA, or who demonstrated proficiency through an alternative pathway such as through the Alternative High School Assessment, achievement of the 'Just Proficient Mean' or an appeal process.



#### Extended Year Graduation Rate

The chart below presents the 4-year and 5-year graduation rate for the prior school year's cohort in addition to the 4-year graduation rate for last year's cohort.

Class of	4-year Rate	5-year Rate
2012	0%	3%
2013	0%	39%
2014	94%	

#### Postsecondary Enrollment Rates

This chart presents the enrollment rates of this school's high school graduates, 16-months after high school graduation. The data is from the National Student Clearinghouse which reports that it collects student-level enrollment data from 95% of Institutions of Higher Education nationwide.

The last columns indicate, for the schoolwide total and each subgroup, the percentage of postsecondary enrollees that were enrolled in either a 2 year or a 4 year institution.

	Percent Enrolled	Percent in 2 Year	Percent in 4 Year
Schoolwide			

### WITHIN SCHOOL ACHIEVEMENT GAP

ESSEX

EAST ORANGE

GRADE SPAN 06-12

EAST ORANGE STEM ACADEMY HIGH SCHOOL

129 RENSRAW AVENUE

EAST ORANGE, NJ 07017-3308

This section of the performance report presents data about the achievement gap that exists within a school - as measured by the difference between the students' scale scores at the 25th and 75th percentile in the school, the so-called Interquartile Range (IQR). Taken together with an understanding of the overall and average achievement levels in the school, the IQR furthers an understanding of the range of student outcomes that exist in a school. A school gap smaller than the state gap indicates that the school's range of student outcomes is narrower than the state's while a school gap larger than the state gap indicates that the school's range of student outcomes is larger than the state's.

#### Grade Level - 06

##### NJ ASK Language Arts 25th %ile vs 75th%ile

This table presents the scale scores associated with students at the bottom (0th percentile), the 25th percentile, the 50th percentile, the 75th percentile and the top (99th percentile) of school's distribution.

Percentile	School Scaled Score	State Scaled Score
99th	252	300
75th	227	230
50th	207	211
25th	197	192
0th	168	100

	Scaled Score Gap - School	Scaled Score Gap - State
25th vs 75th Gap	30	38

#### Grade Level - High School

##### HSPA Language Arts 25th %ile vs 75th%ile

This table presents the scale scores associated with students at the bottom (0th percentile), the 25th percentile, the 50th percentile, the 75th percentile and the top (99th percentile) of school's distribution.

Percentile	School Scaled Score	State Scaled Score
99th	257	287
75th	240	250
50th	232	240
25th	217	224
0th	180	100

	Scaled Score Gap - School	Scaled Score Gap - State
25th vs 75th Gap	23	26

#### Grade Level - 06

##### NJ ASK Math 25th %ile vs 75th%ile

This table presents the scale scores associated with students at the bottom (0th percentile), the 25th percentile, the 50th percentile, the 75th percentile and the top (99th percentile) of school's distribution.

Percentile	School Scaled Score	State Scaled Score
99th	283	300
75th	238	259
50th	215	228
25th	203	201
0th	154	100

	Scaled Score Gap - School	Scaled Score Gap - State
25th vs 75th Gap	35	58

#### Grade Level - High School

##### HSPA Math 25th %ile vs 75th%ile

This table presents the scale scores associated with students at the bottom (0th percentile), the 25th percentile, the 50th percentile, the 75th percentile and the top (99th percentile) of school's distribution.

Percentile	School Scaled Score	State Scaled Score
99th	266	300
75th	245	253
50th	229	232
25th	208	208
0th	167	132

	Scaled Score Gap - School	Scaled Score Gap - State
25th vs 75th Gap	37	45



**SCHOOL CLIMATE**

ESSEX

EAST ORANGE

GRADE SPAN 06-12

EAST ORANGE STEM ACADEMY HIGH SCHOOL

129 RENSCHAW AVENUE

EAST ORANGE, NJ 07017-3308

**Length of School Day**

This table presents the amount of time a school is in session for a typical student on a normal school day.

	School
2013-14	6 Hrs. 25 Mins.

**Student Suspension Rate**

This table presents the percentage of students who were suspended one or more times during the school year.

	School
2013-14	0.2%

**Instructional Time**

This table presents the amount of time that a typical student is engaged in instructional activities under the supervision of a certified teacher.

2013-14	School
Full Time	5 Hrs. 40 Mins.
Shared Time	0 Hrs. 0 Mins.

**Student Expulsions**

This table presents the number of students who were expelled from the school and district during the school year.

	School
2013-14	0

**Student to Staff Ratio**

This table presents the count of students per faculty member or administrator in the school. All staff are counted in full-time equivalents.

2013-14	School
Faculty	11
Administrators	149

**SCHOOL PEER GROUP****EAST ORANGE STEM ACADEMY HIGH SCHOOL****13-1210-030**

This table presents the list of peer schools in alphabetical order by county name that was created specifically for this school (highlighted in yellow). Peer schools are drawn from across the state and represent schools that have similar grade configurations and that are educating students of similar demographic characteristics, as measured by enrollment in Free/Reduced Lunch Programs, Limited English Proficiency or Special Education Programs.

<u>COUNTY NAME</u>	<u>DISTRICT NAME</u>	<u>SCHOOL NAME</u>	<u>CDS CODE</u>	<u>GRAD E SPAN</u>	<u>FRPL</u>	<u>LEP</u>	<u>SpED</u>
ATLANTIC	ATLANTIC CITY	ATLANTIC CITY HIGH SCHOOL	01-0110-010	09-12	77.9%	7.3%	15.3%
ATLANTIC	PLEASANTVILLE CITY	PLEASANTVILLE HIGH SCHOOL	01-4180-050	09-12	78.3%	10.1%	16.0%
BERGEN	GARFIELD CITY	GARFIELD HIGH SCHOOL	03-1700-050	09-12	72.7%	3.6%	17.4%
CHARTERS	PATERSON CS FOR SCI/TECH	PATERSON CHARTER SCHOOL FOR SCIENCE/TECHNOLOGY	80-7503-970	KG-12	79.1%	0.0%	7.9%
CHARTERS	THE BARACK OBAMA GREEN CHARTER HIGH	THE BARACK OBAMA GREEN CHARTER HIGH	80-6033-902	09-12	70.6%	9.3%	3.9%
ESSEX	EAST ORANGE	EAST ORANGE STEM ACADEMY HIGH SCHOOL	13-1210-030	06-12	73.6%	1.8%	0.0%
ESSEX	NEWARK CITY	ARTS HIGH SCHOOL	13-3570-010	07-12	78.6%	0.3%	6.4%
ESSEX	NEWARK CITY	BARD EARLY COLLEGE HIGH SCHOOL	13-3570-304	09-12	73.9%	0.0%	3.7%
ESSEX	NEWARK CITY	BARRINGER HIGH SCHOOL	13-3570-020	09-12	72.2%	11.8%	25.2%
ESSEX	NEWARK CITY	EAST SIDE HIGH SCHOOL	13-3570-040	09-12	81.9%	18.3%	14.9%
ESSEX	NEWARK CITY	NEWARK LEADERSHIP ACADEMY	13-3570-302	09-12	71.6%	1.5%	17.9%
ESSEX	NEWARK CITY	SCIENCE PARK HIGH SCHOOL	13-3570-055	07-12	79.8%	0.1%	2.1%
HUDSON	JERSEY CITY	INFINITY INSTITUTE	17-2390-002	06-12	75.7%	2.3%	1.9%
HUDSON	JERSEY CITY	LINCOLN HIGH SCHOOL	17-2390-070	09-12	70.2%	0.5%	23.3%
HUDSON	WEST NEW YORK TOWN	MEMORIAL HIGH SCHOOL	17-5670-050	09-12	82.4%	11.1%	15.5%
MIDDLESEX	PERTH AMBOY CITY	PERTH AMBOY HIGH SCHOOL	23-4090-050	09-12	84.3%	21.4%	13.0%
MONMOUTH	KEANSBURG BORO	KEANSBURG HIGH SCHOOL	25-2400-010	09-12	73.2%	1.1%	20.7%
MONMOUTH	LONG BRANCH CITY	LONG BRANCH HIGH SCHOOL	25-2770-050	09-12	73.1%	6.5%	11.2%
PASSAIC	PASSAIC CITY	PASSAIC HIGH SCHOOL # 12	31-3970-050	09-12	82.3%	13.4%	15.6%
PASSAIC	PASSAIC CO MANCHESTER REG	PASSAIC COUNTY-MANCHESTER REGIONAL HIGH SCHOOL	31-3980-010	09-12	77.0%	3.4%	16.1%
PASSAIC	PATERSON CITY	SCHOOL OF ARCHITECTURE AND CONSTRUCTION TRADES	31-4010-307	09-12	87.2%	22.9%	22.3%
PASSAIC	PATERSON CITY	SCHOOL OF BUISINESS TECHNOLOGY	31-4010-306	09-12	82.9%	22.1%	20.8%
PASSAIC	PATERSON CITY	SCHOOL OF CULINARY ARTS HOSPITALITY AND TOURISM	31-4010-002	09-12	87.1%	18.5%	17.9%
PASSAIC	PATERSON CITY	SCHOOL OF EDUCATION AND TRAINING	31-4010-305	09-12	85.1%	21.6%	15.2%
PASSAIC	PATERSON CITY	SCHOOL OF GOVERNMENT & PUBLIC ADMINISTRATION	31-4010-003	09-12	86.4%	31.2%	15.5%
PASSAIC	PATERSON CITY	SCHOOL OF INFORMATION TECHNOLOGY	31-4010-001	09-12	82.7%	35.3%	16.3%
UNION	ELIZABETH CITY	ELIZABETH HIGH SCHOOL	39-1320-025	09-12	76.1%	0.4%	0.6%
UNION	ELIZABETH CITY	JOHN E. DWYER TECHNOLOGY ACADEMY	39-1320-401	09-12	86.4%	26.2%	12.3%
UNION	PLAINFIELD CITY	BARACK OBAMA ACADEMY FOR ACADEMIC & CIVIC DEVELOPMENT	39-4160-051	09-12	82.1%	1.7%	3.4%
UNION	PLAINFIELD CITY	PLAINFIELD ACADEMY FOR THE ARTS & ADVANCED STUDIES	39-4160-052	07-12	70.6%	0.5%	7.2%
UNION	PLAINFIELD CITY	PLAINFIELD HIGH SCHOOL	39-4160-050	09-12	86.9%	19.8%	15.8%